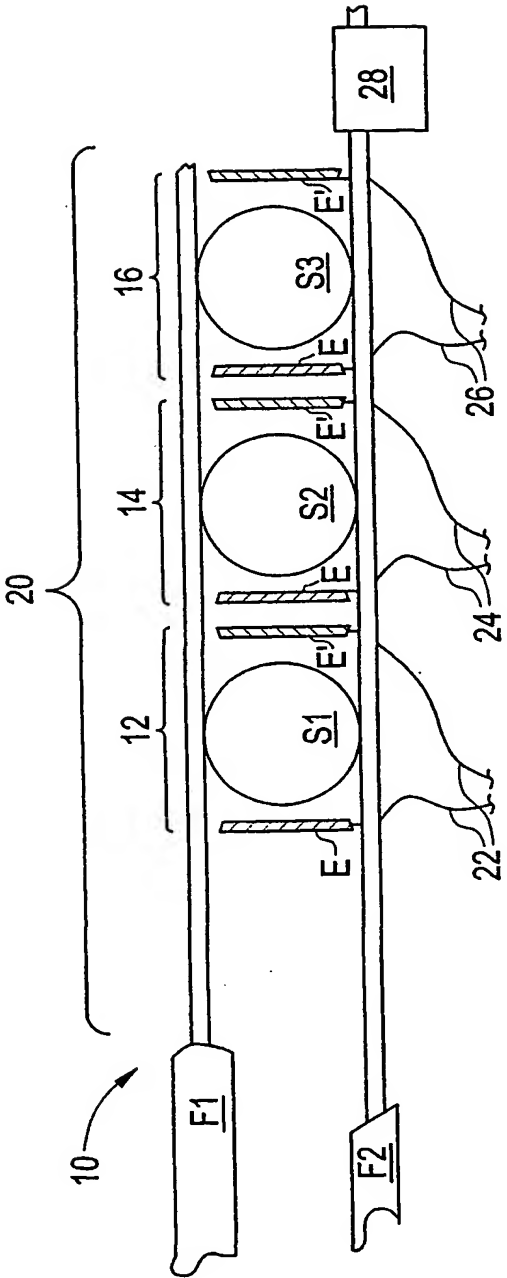


FIG. 1



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FIG. 2B

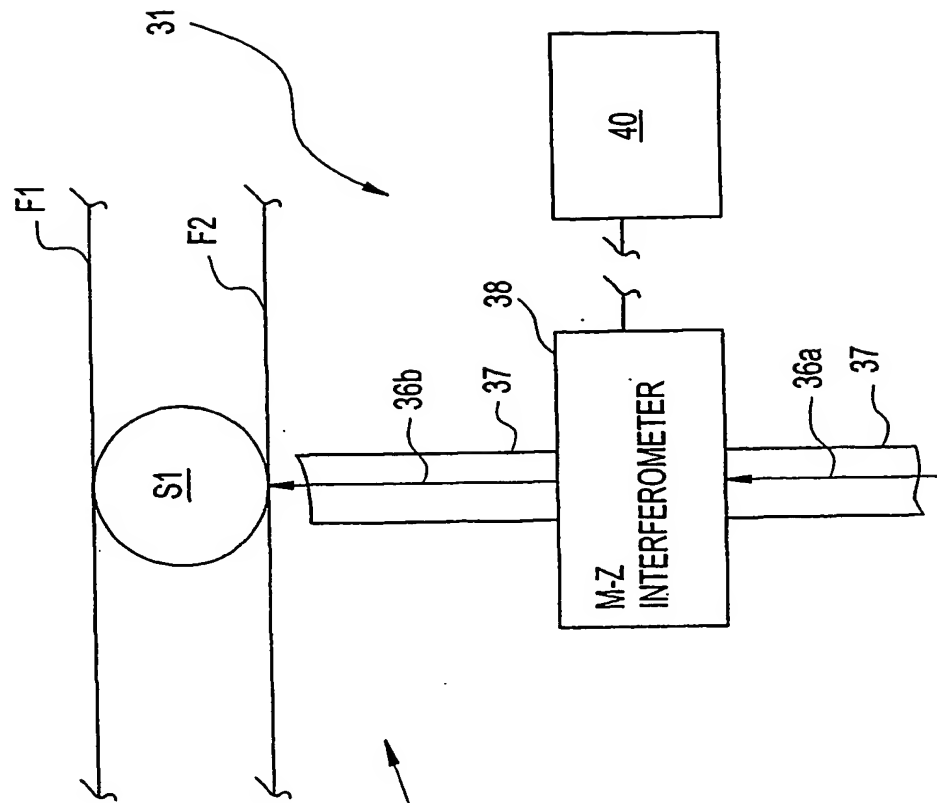


FIG. 2A

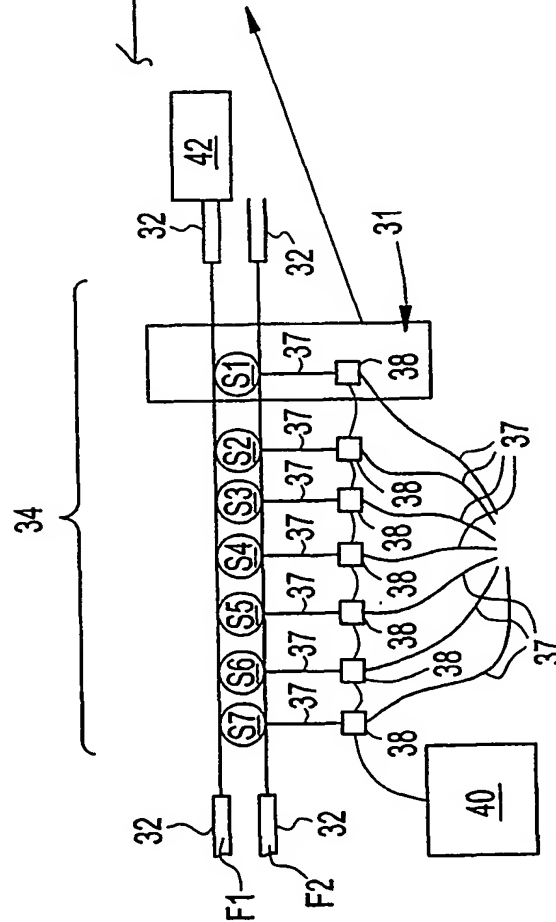


FIG. 3A

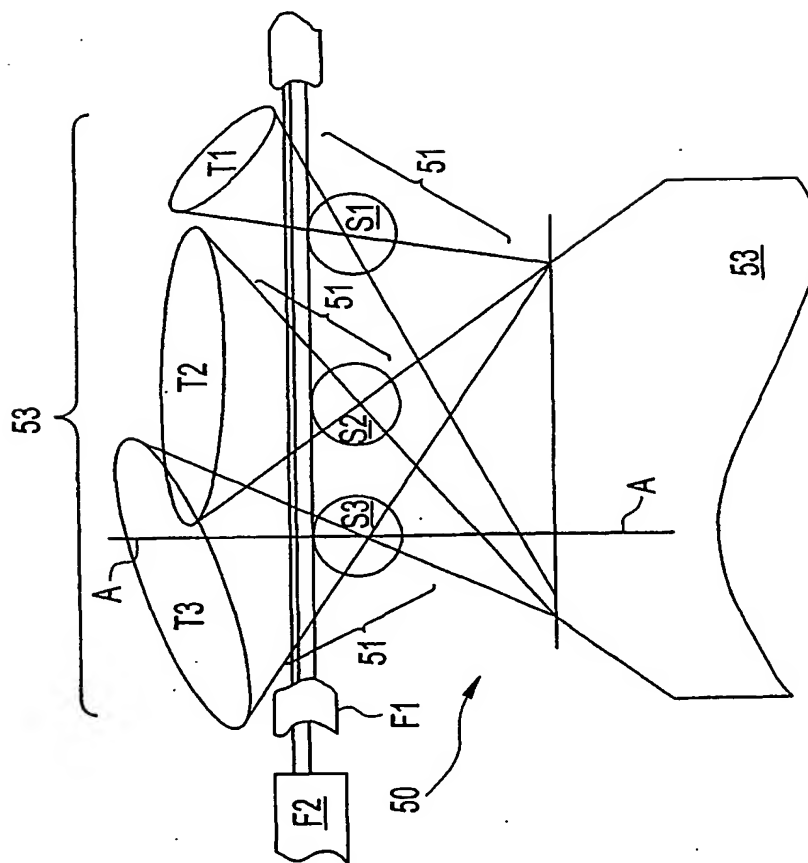


FIG. 3B

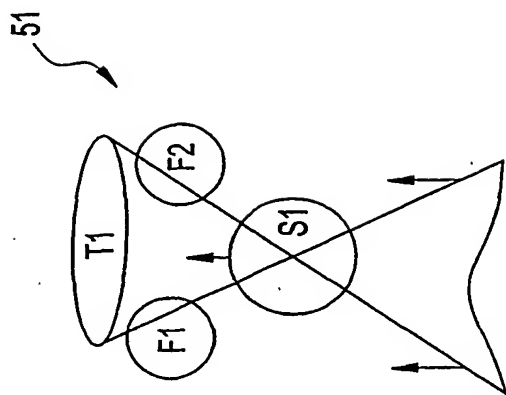
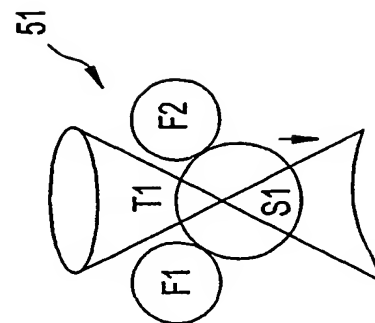


FIG. 3C



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FIG. 4

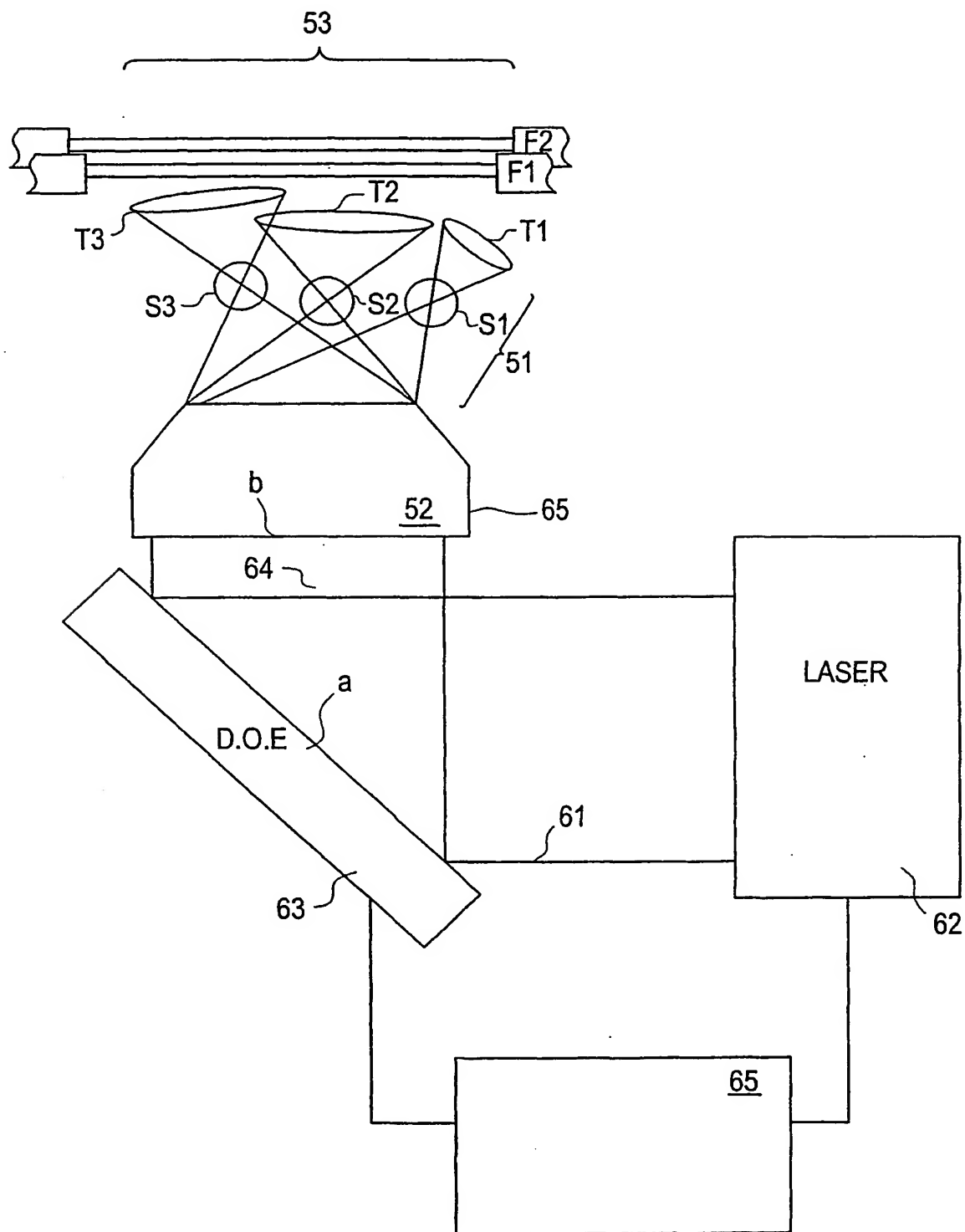


FIG. 5

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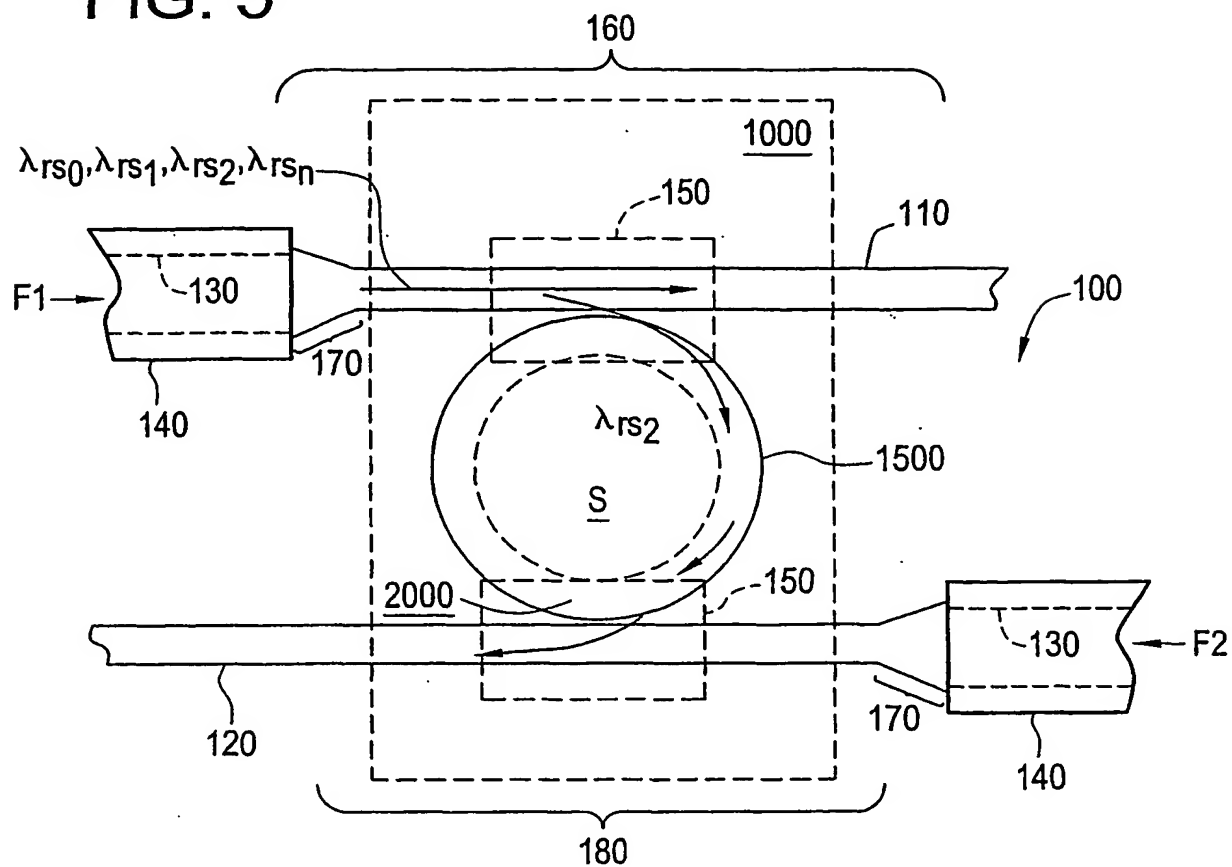
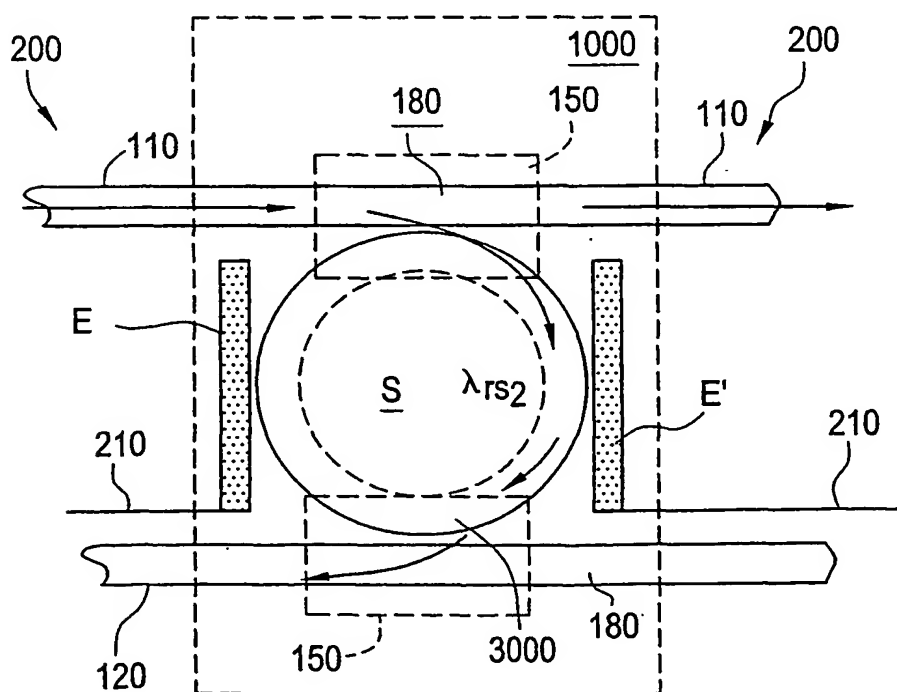


FIG. 6



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FIG. 7

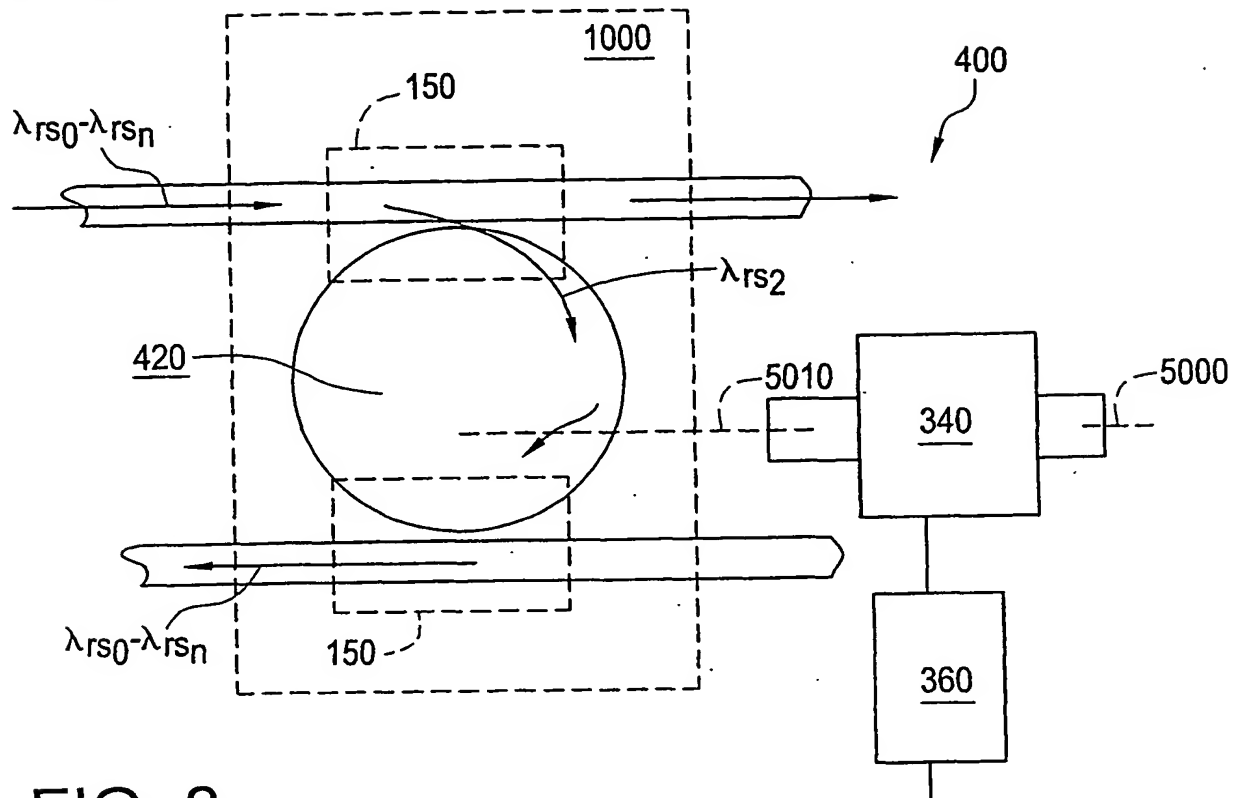


FIG. 8

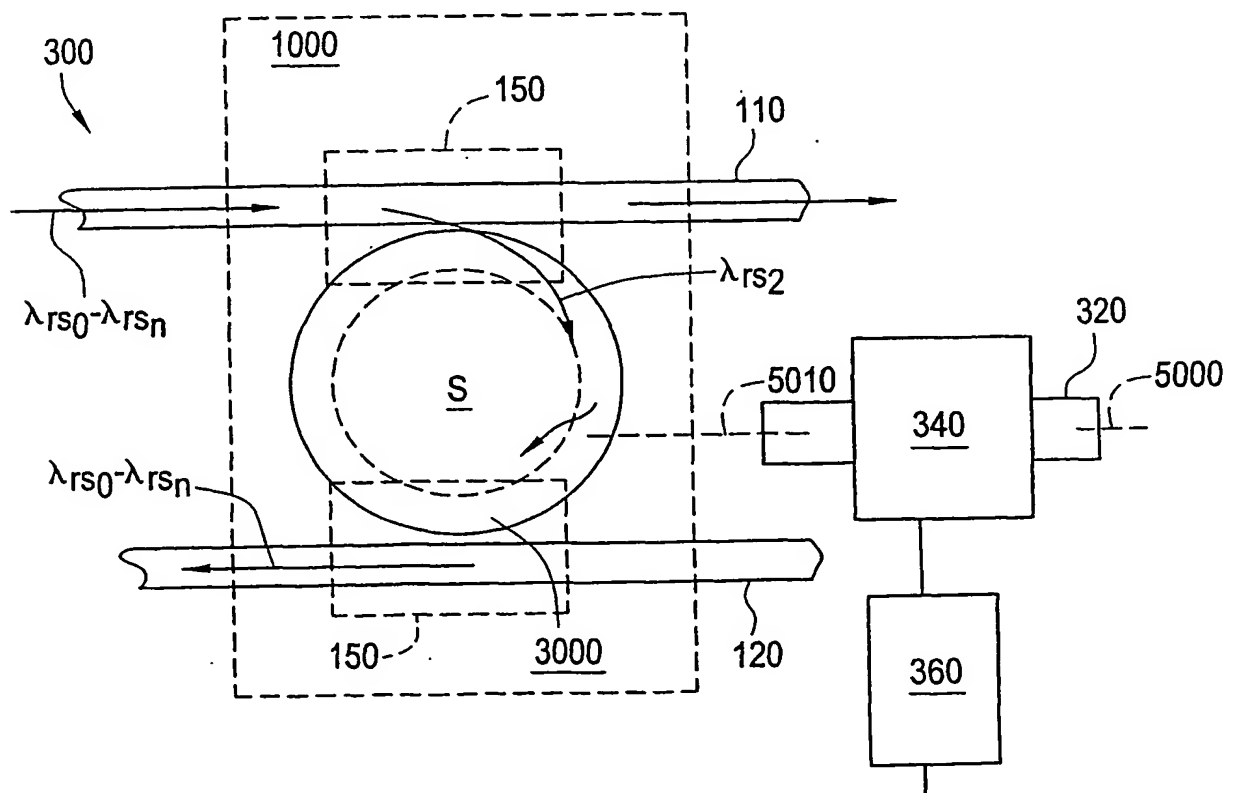
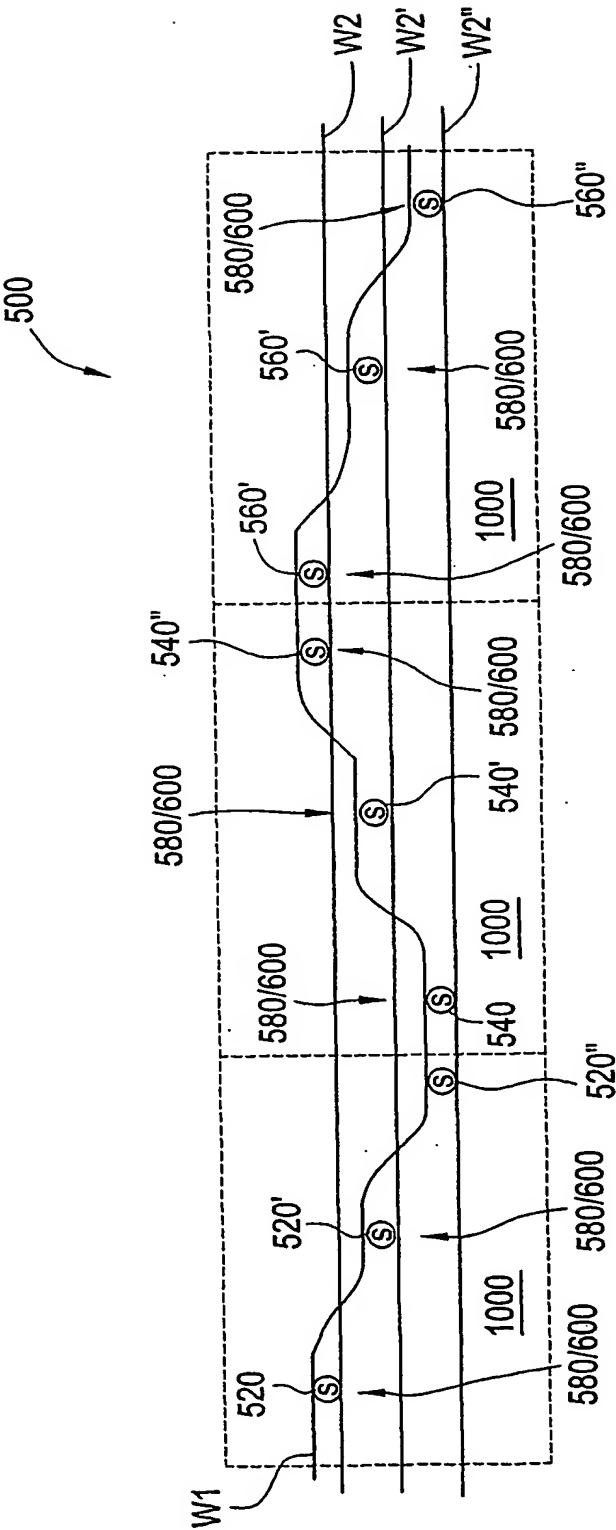
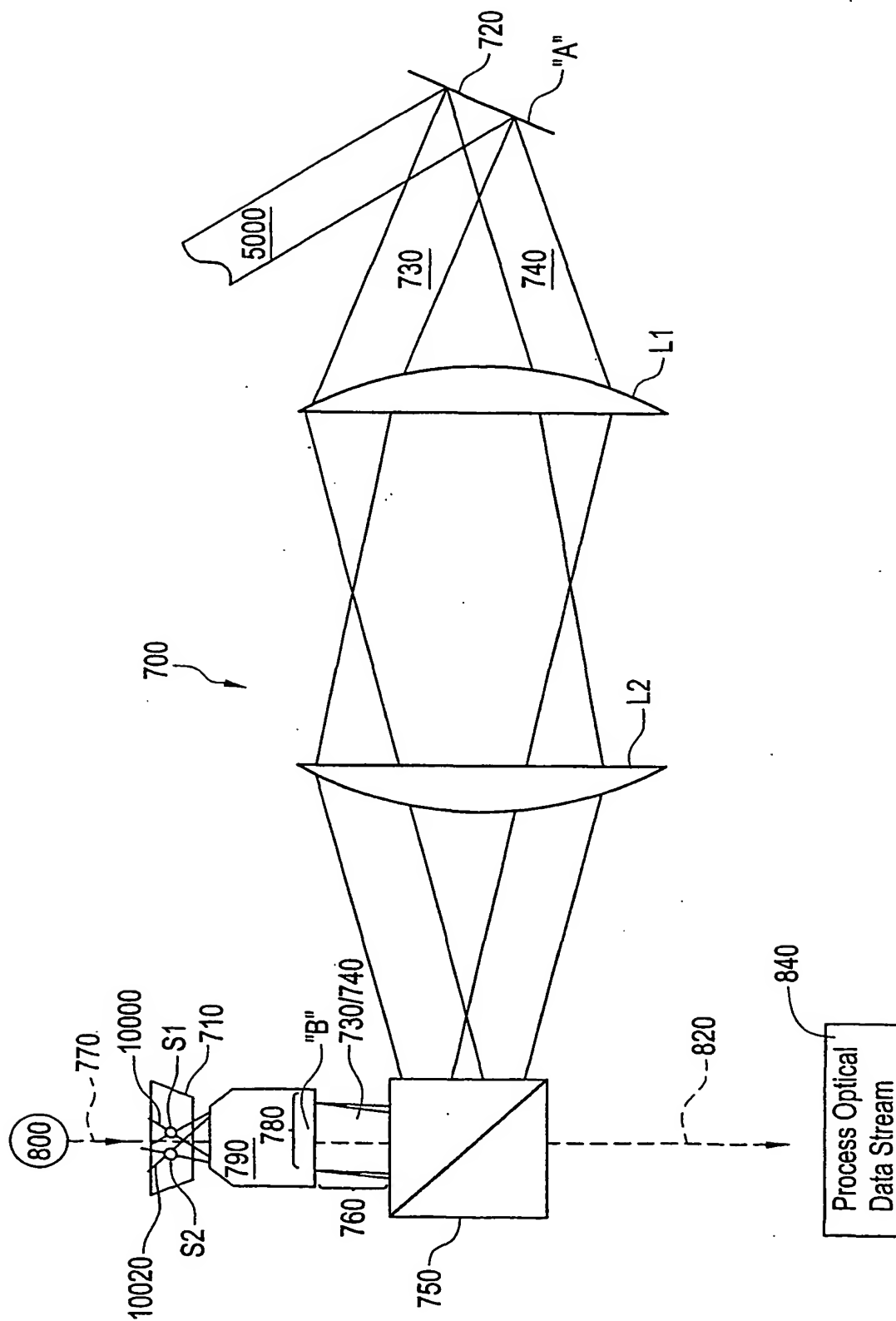


FIG. 9



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FIG. 10



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FIG. 11A

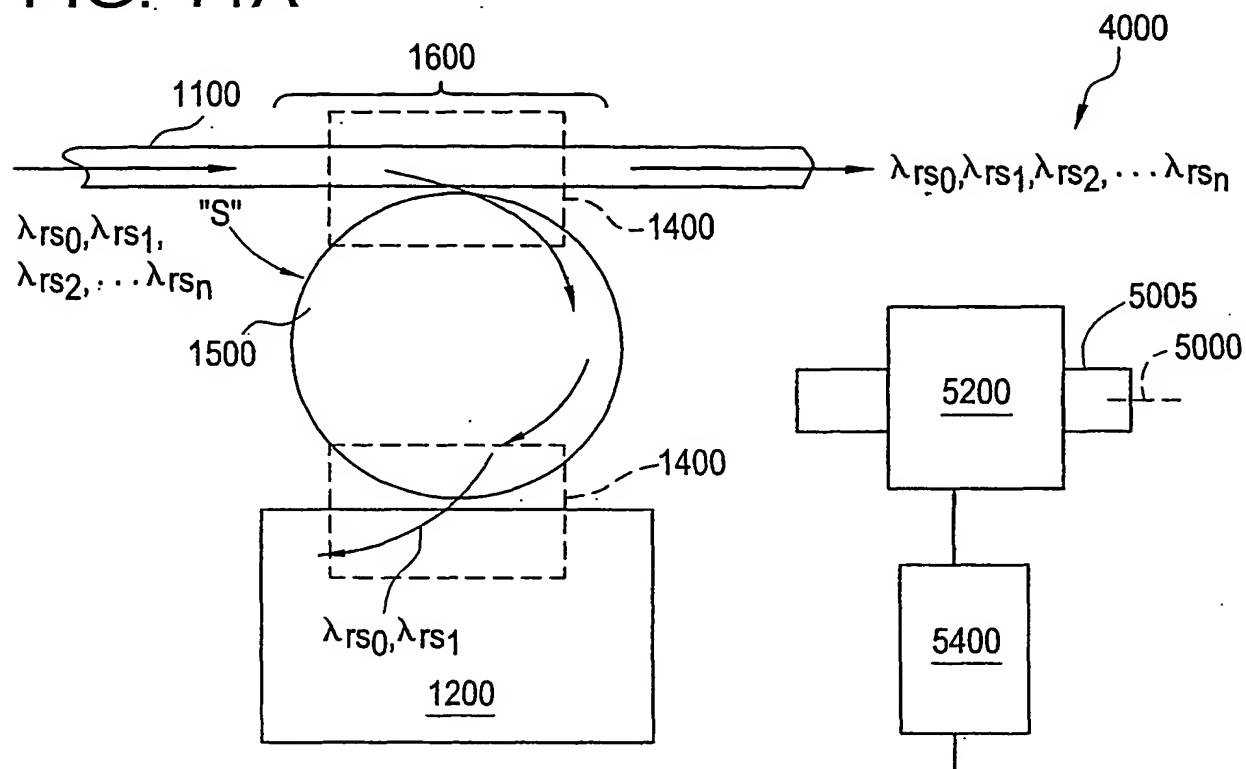
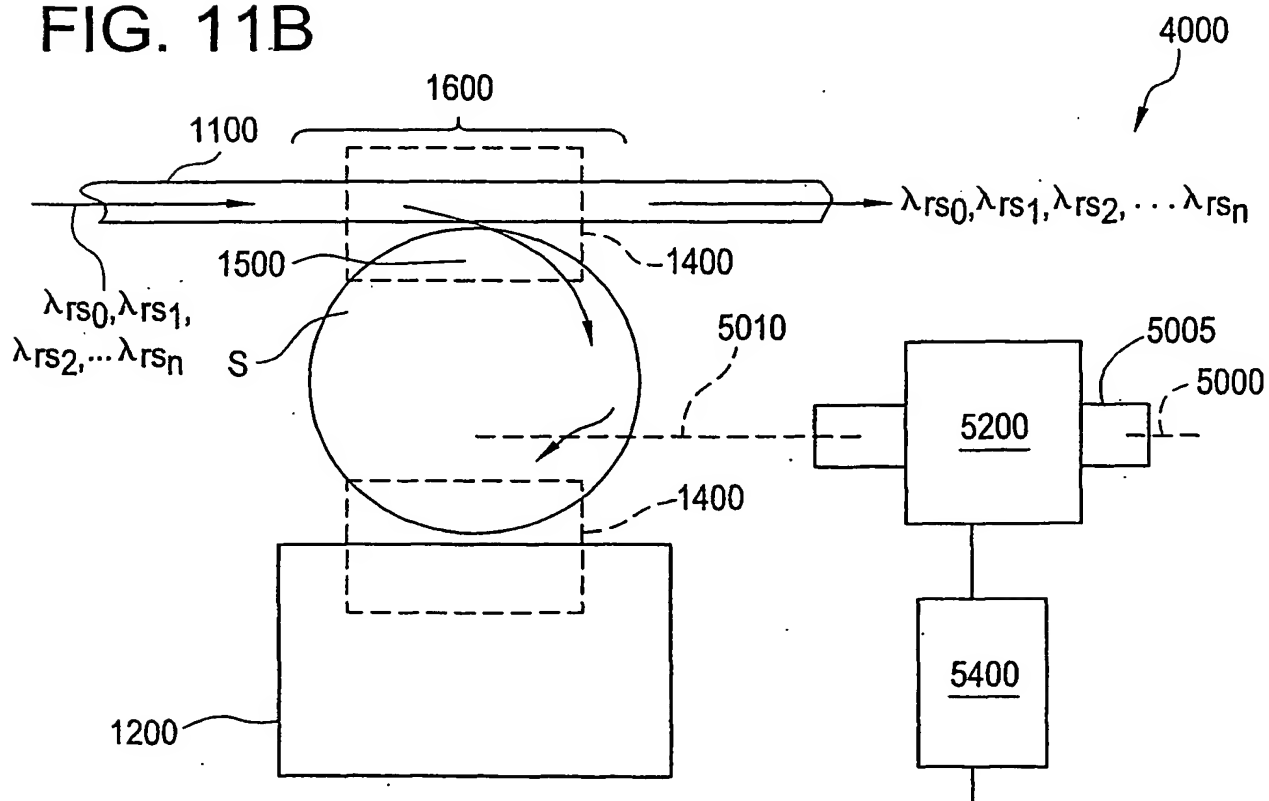


FIG. 11B



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FIG. 12

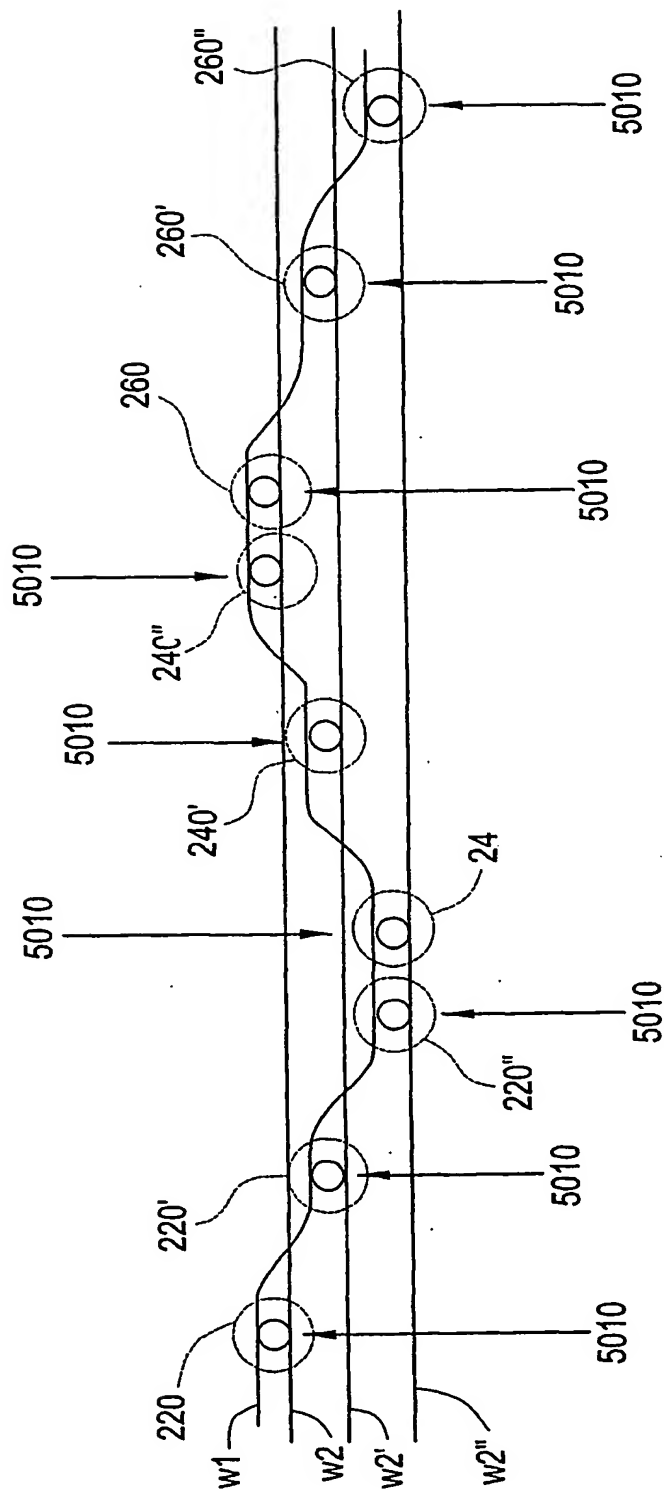
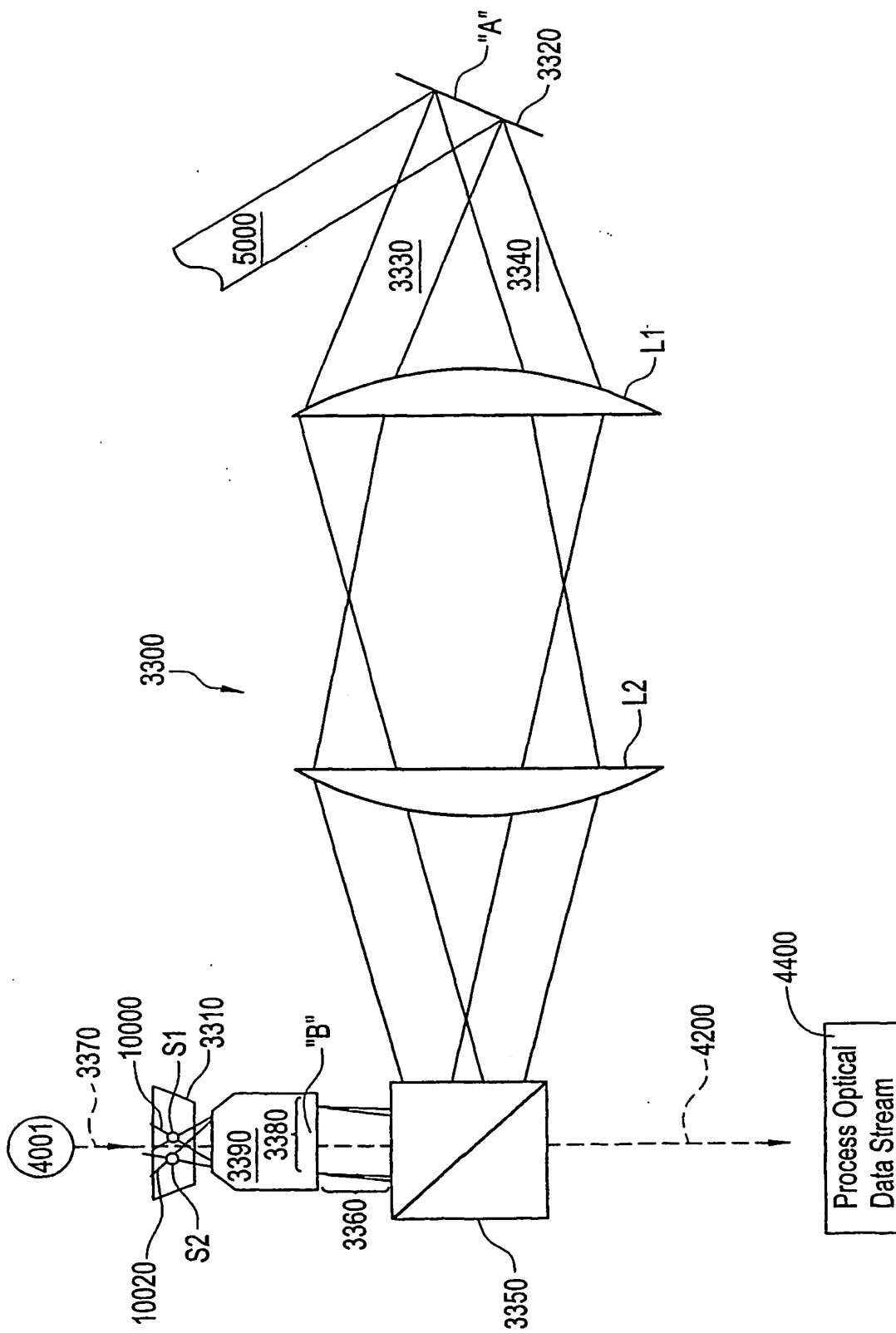


FIG. 13



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FIG. 14

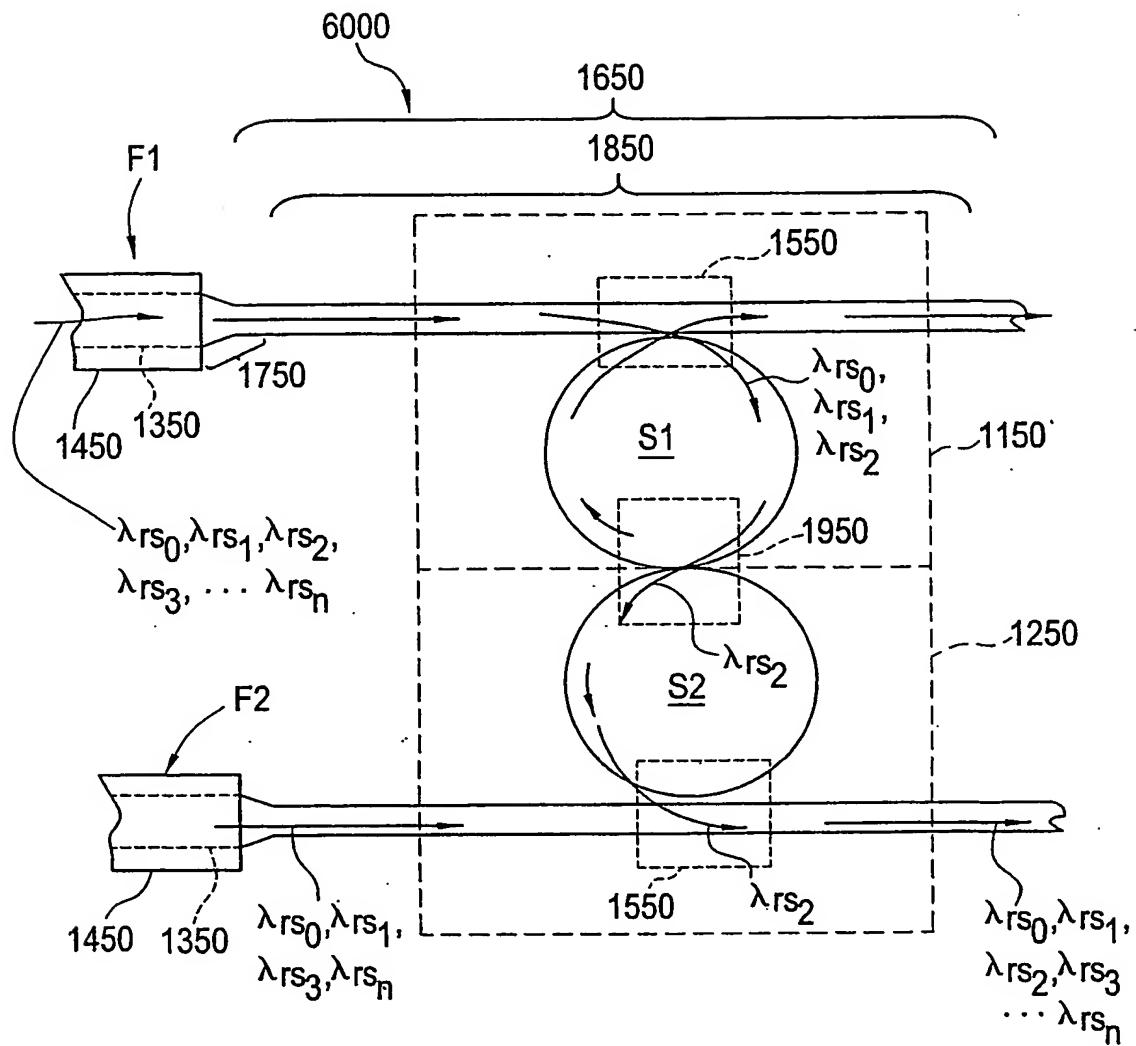
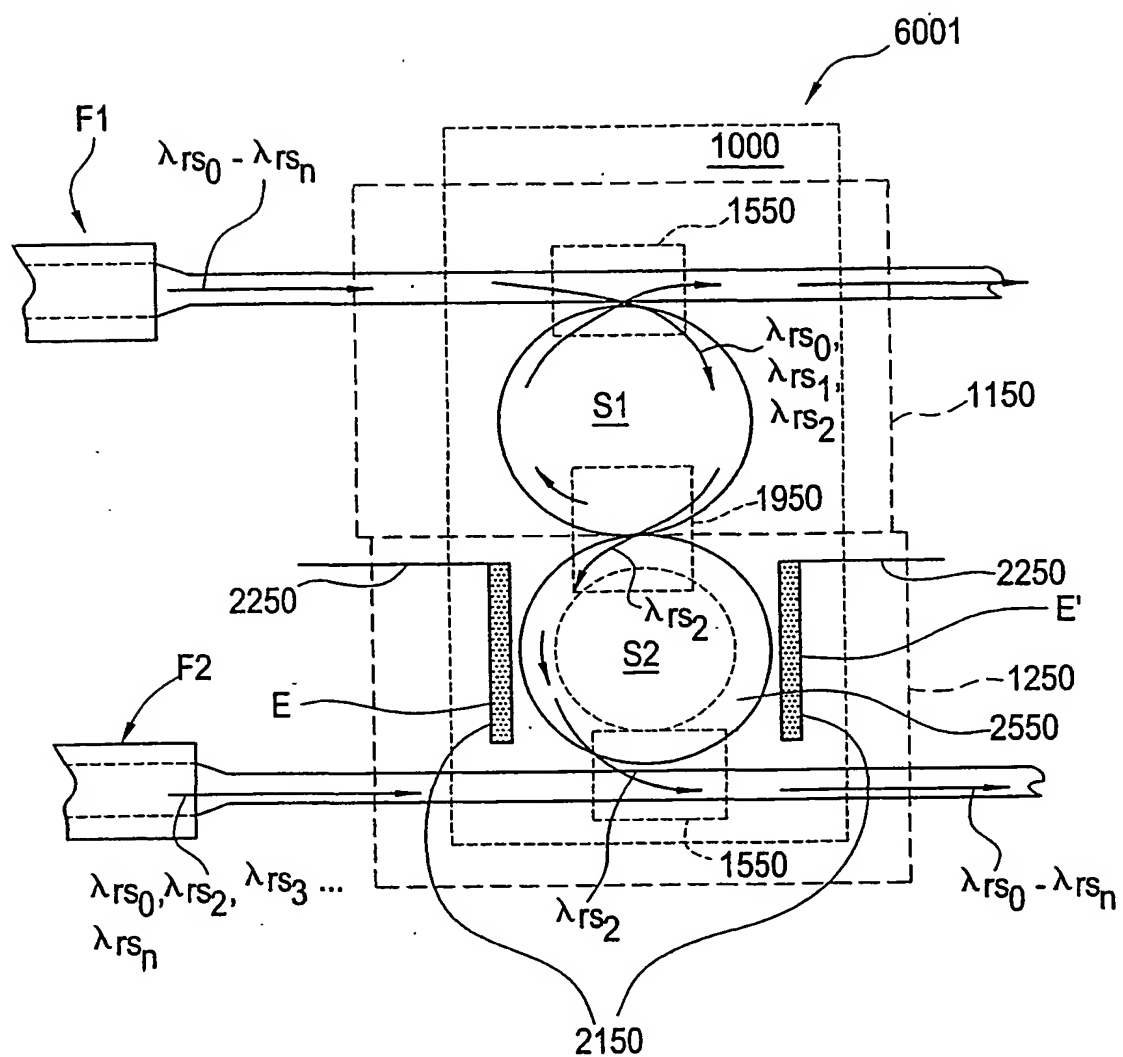
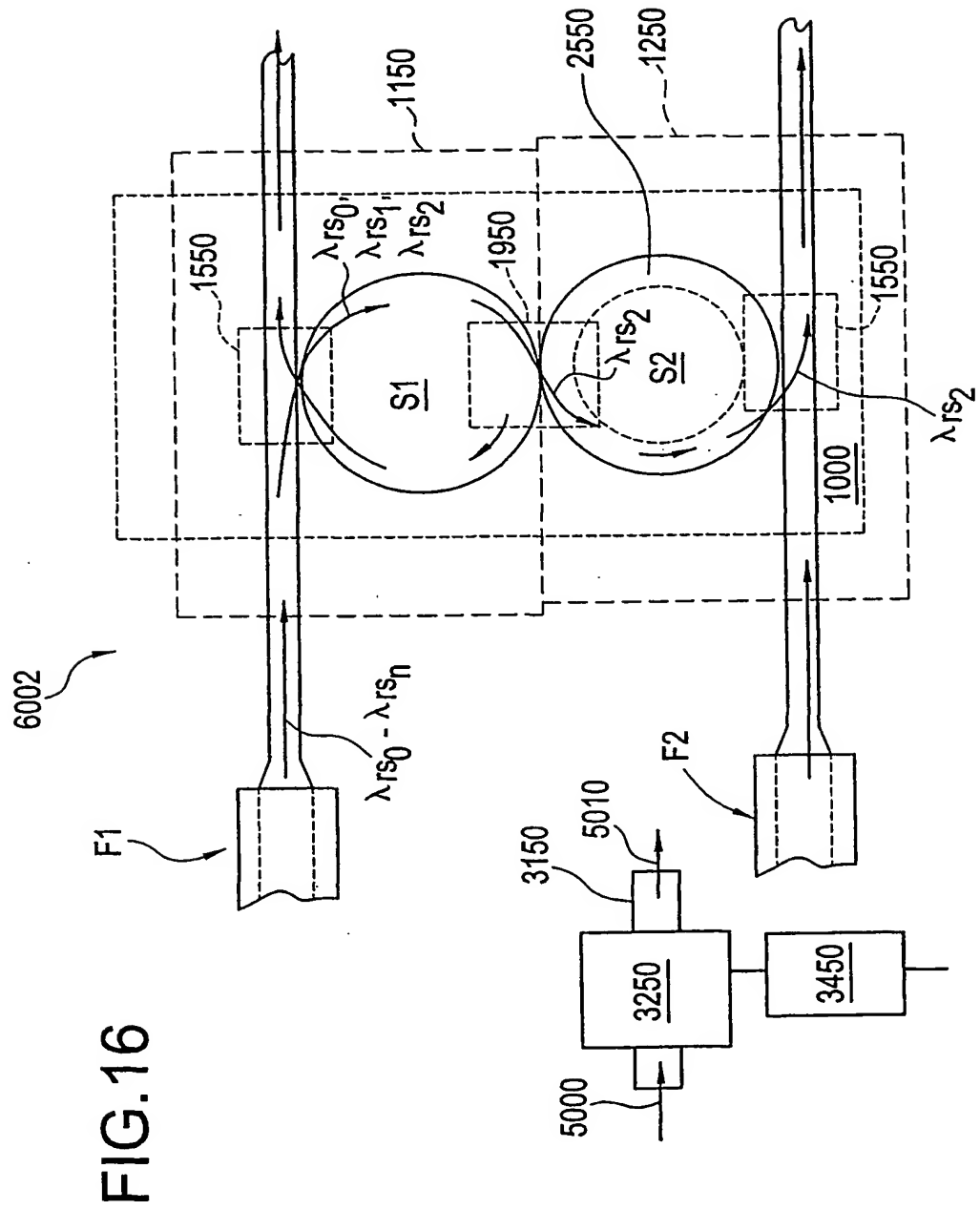


FIG.15



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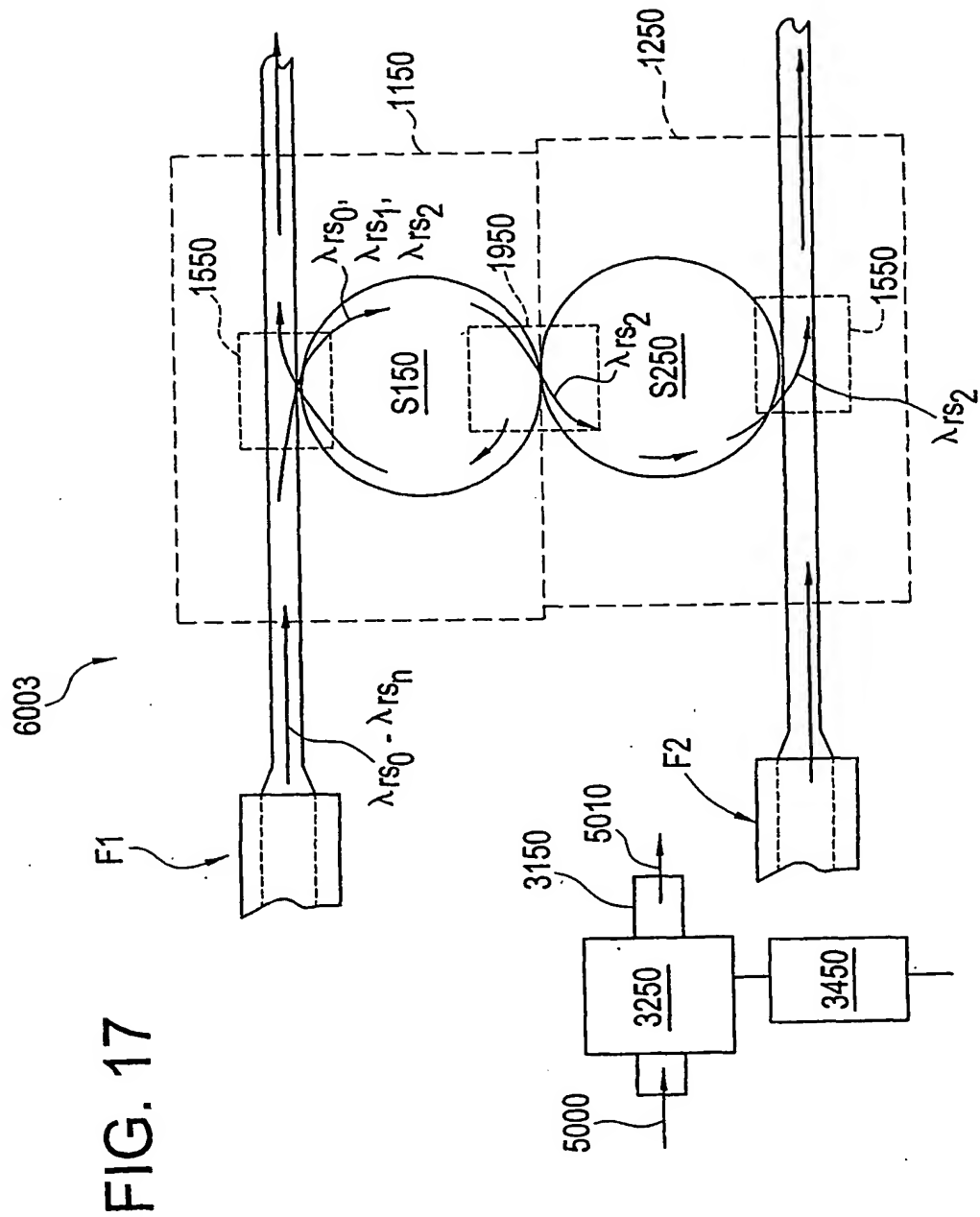


FIG. 18

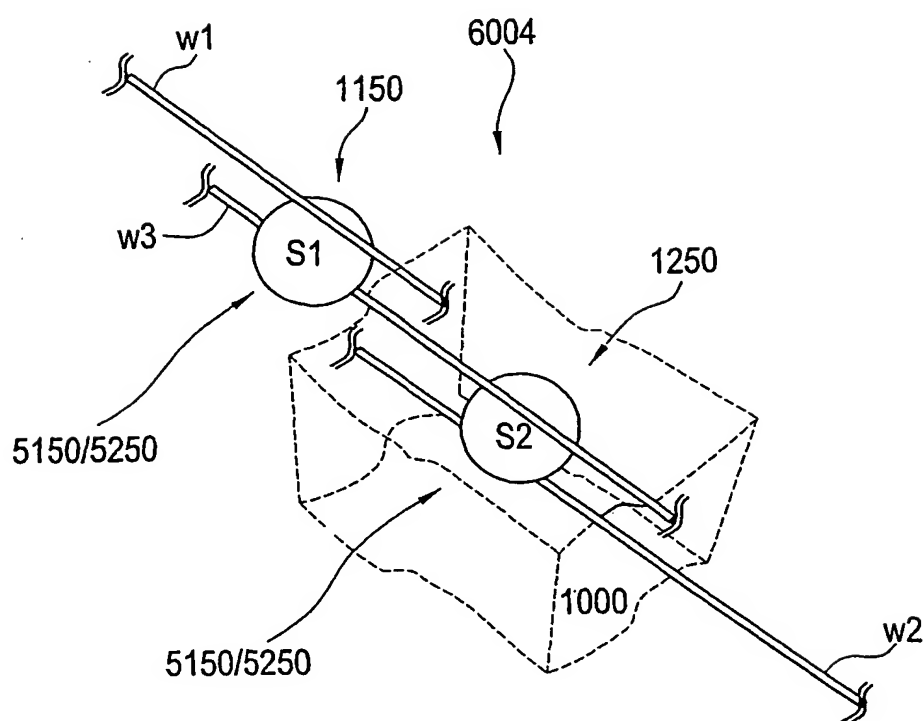
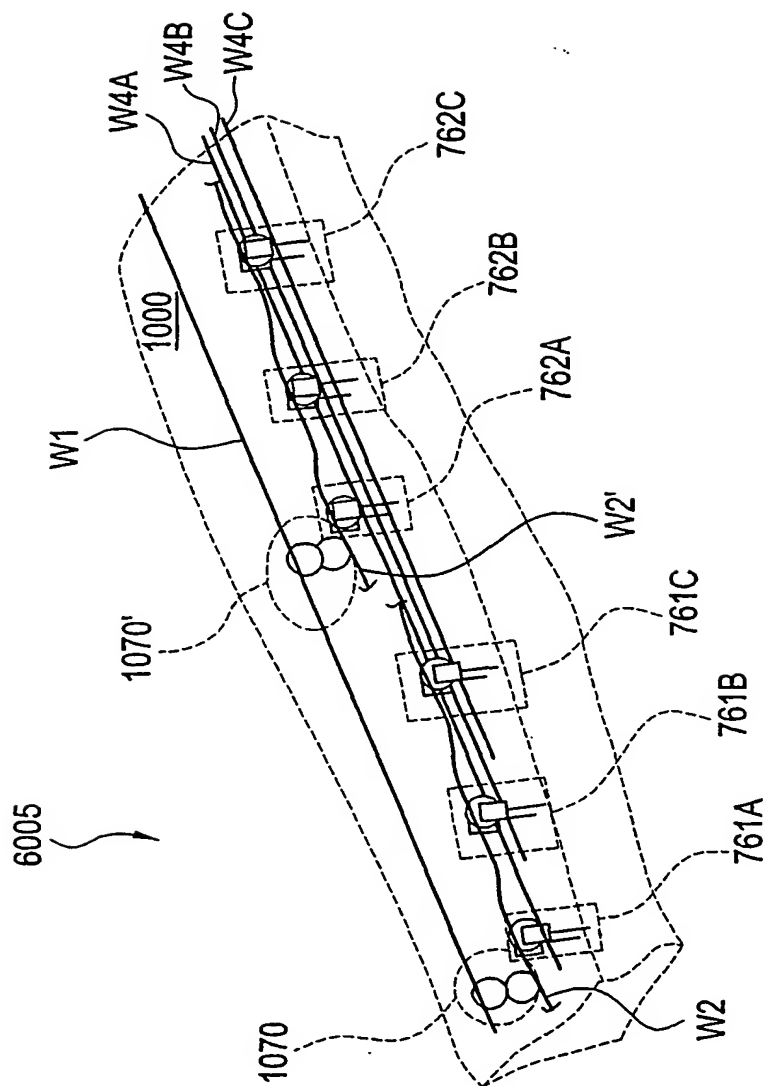


FIG. 19



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FIG. 21

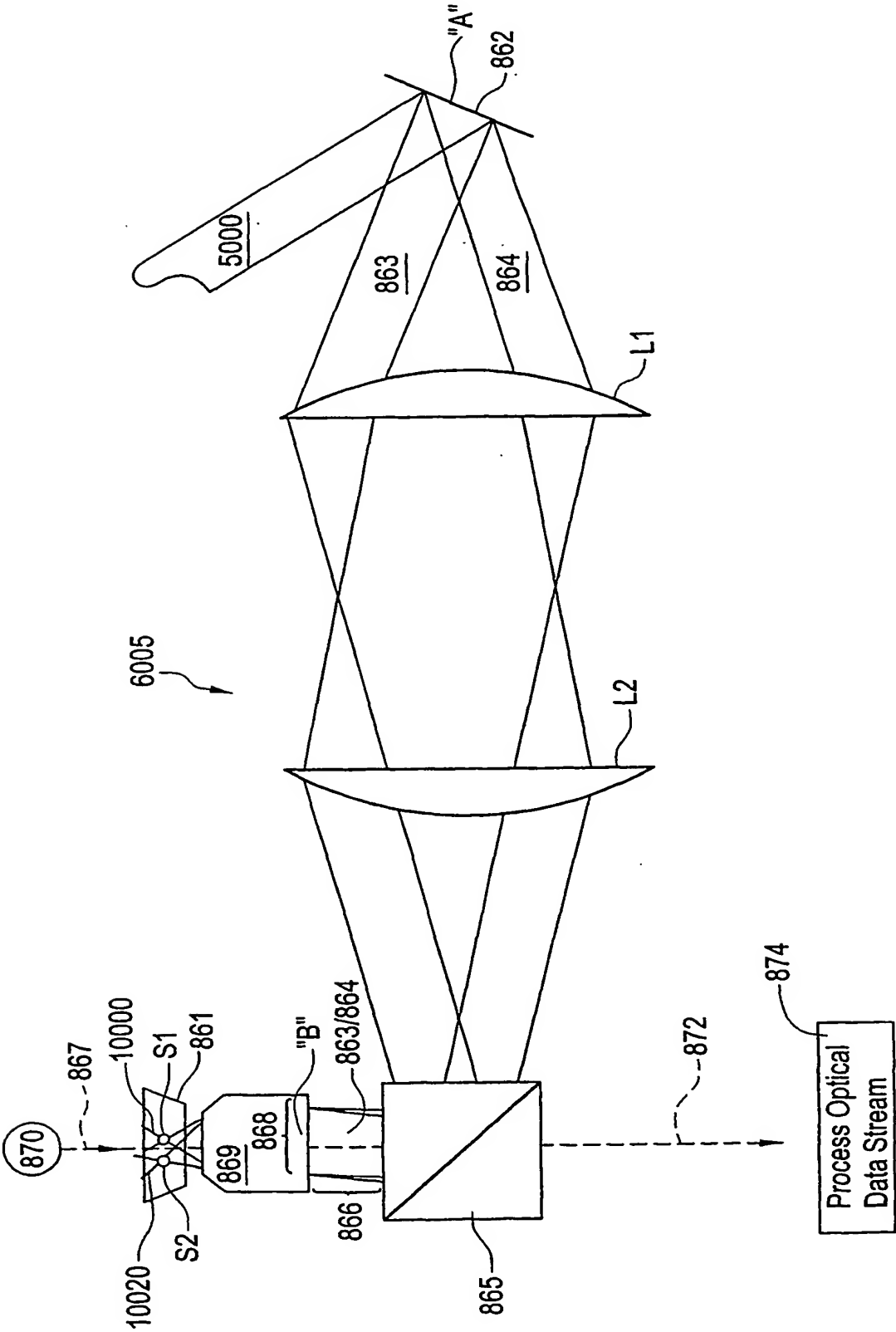


FIG. 22

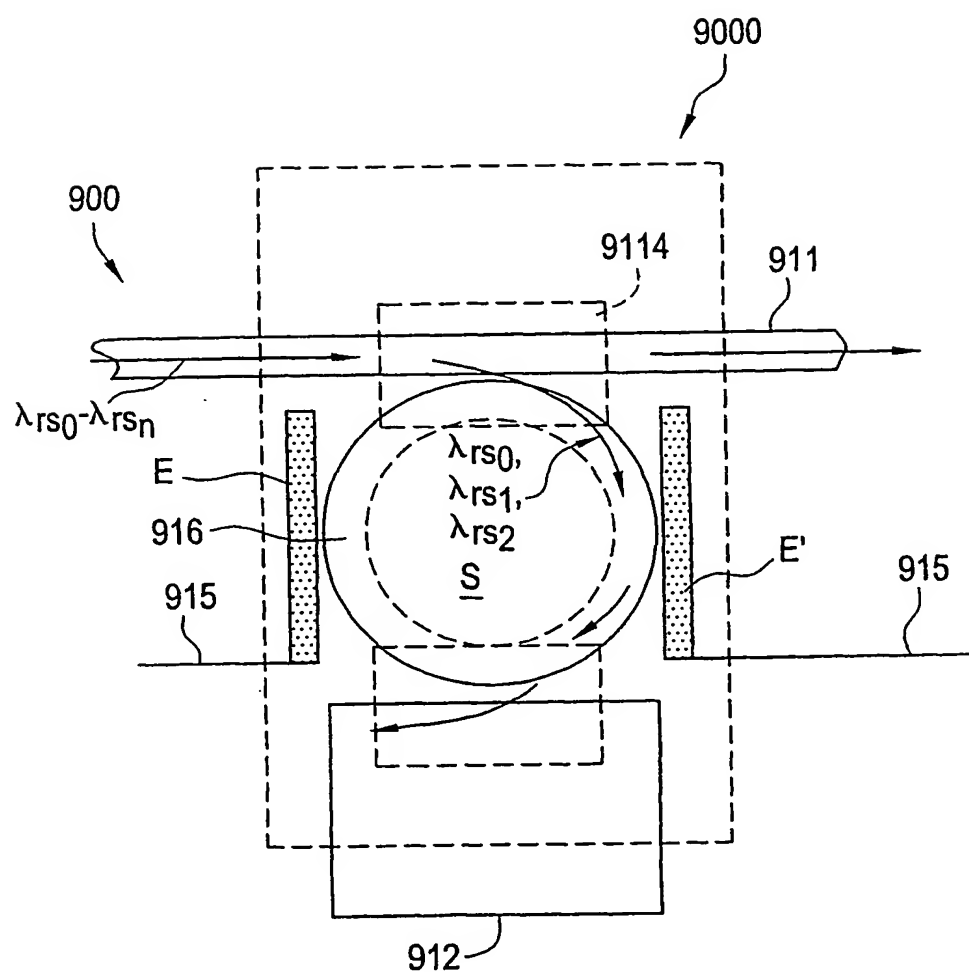


FIG. 23

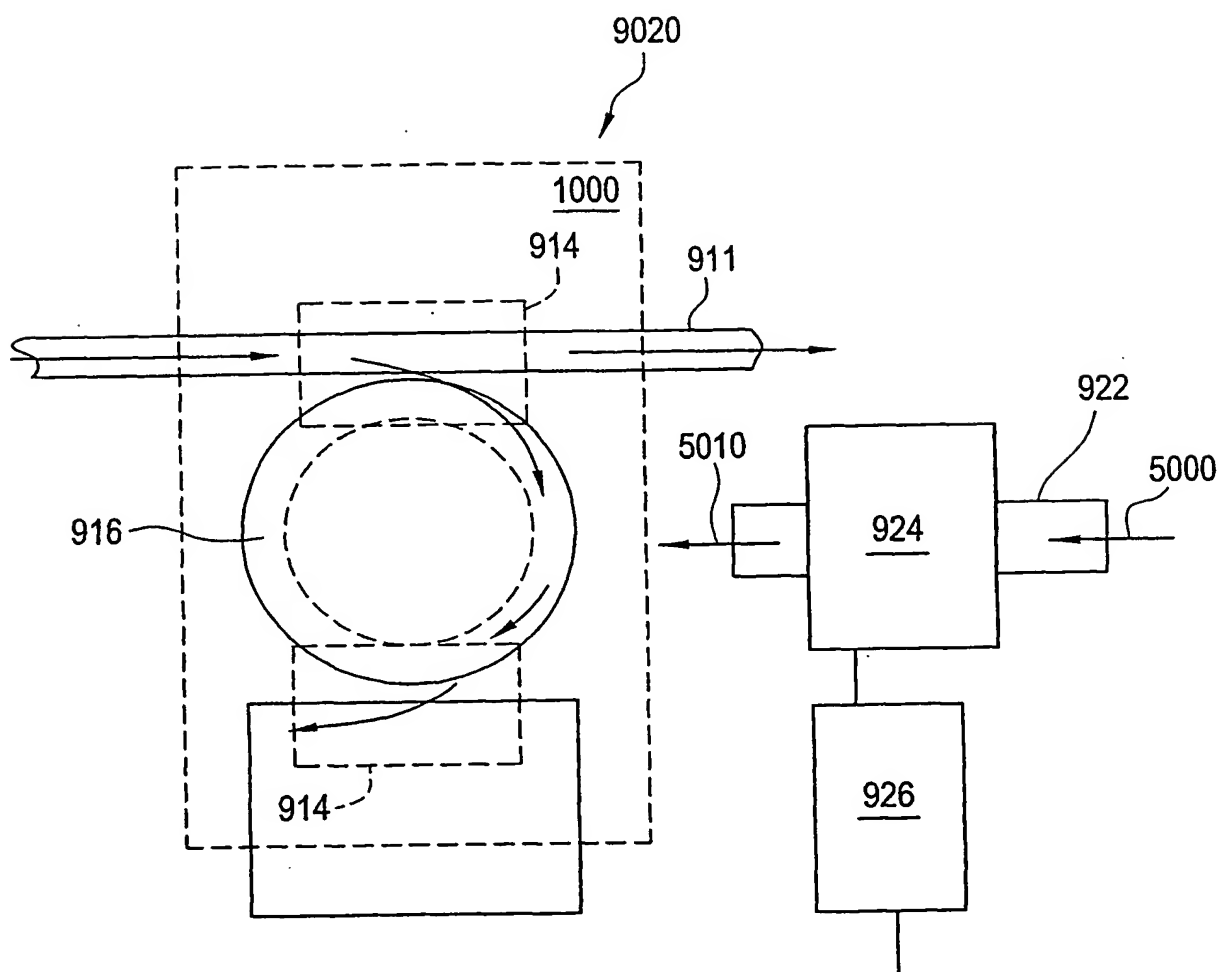


FIG. 24

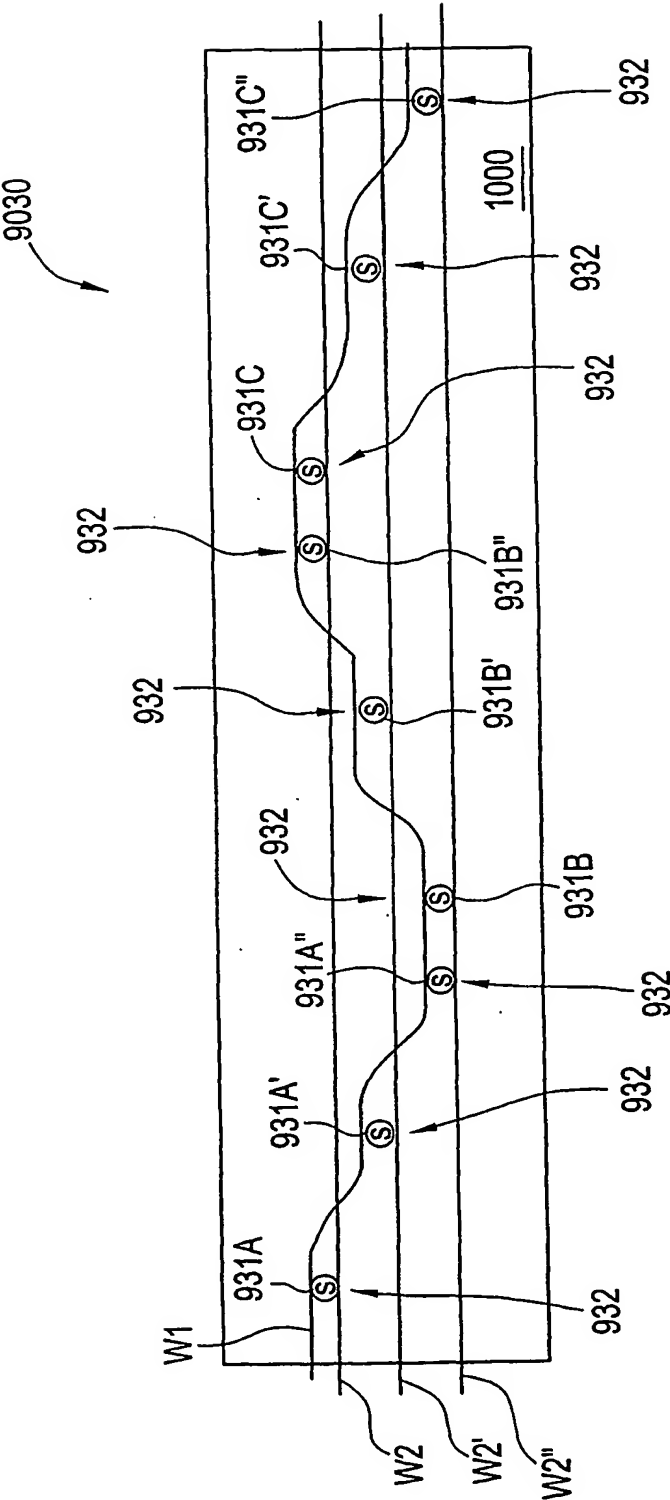


FIG. 25

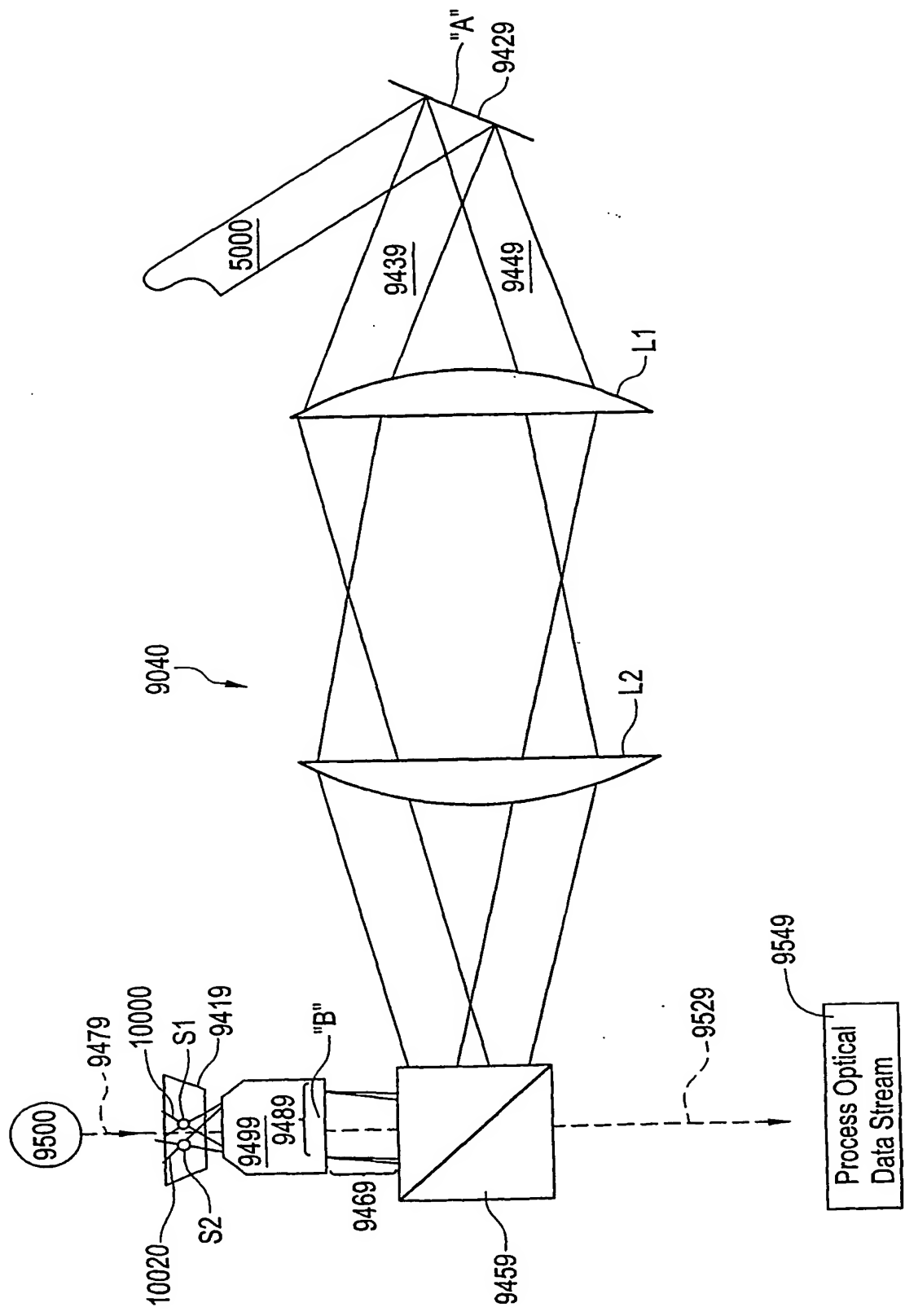


FIG. 26

<u>Dia. Microsphere (MS) 1</u>	<u>Wavelength in C band MS will resonate in WGM for (microns)</u>
200 microns	1.562981
	1.560394
	1.557815
	1.555244
	1.552682
	1.550128
	1.547583
	1.545046
	1.542517
	1.539996
	1.537484
	1.53498
	1.532484
<u>Dia. Microsphere (MS) 2</u>	<u>Wavelength in C band MS will resonate in WGM for (microns)</u>
199.6721 microns	1.563011
	1.560419
	1.557836
	1.555261
	1.552694
	1.550136
	1.547587
	1.545046
	1.542513
	1.539988
	1.537472
	1.534964
	1.532464
<u>Dia. Microsphere (MS) 3</u>	<u>Wavelength in C band MS will resonate in WGM for (microns)</u>
20 microns	1.545046